

Theodore Dean Foster 25 Jul 1929 — 2014?

Assistant Professor of Geophysics and Applied Sciences

Yale University

September 1965 – June 1969 (3 years 10 months)

Professor of Marine Sciences, Emeritus

University of California, Santa Cruz

1977 – 1995 (18 years)



**[Note: An extensive search for his obituary has not been found, if it exists.]
Apparently, he died in 1914 in New Jersey.]**

Theodore D. (Ted) Foster earned the B.S. in Physics at Brown University, both the M.S. in Physics and the M.A. in Philosophy at the University of Colorado, and the Ph.D. in Physics at UC San Diego. He served on the faculty of the Department of Engineering and Applied Sciences, and the Department of Geology and Geophysics at Yale University from 1965 to 1969. He then moved to Scripps Institution of Oceanography where he was a researcher and lecturer in the Marine Physical Laboratory (1969-71) and the Ocean Research Division (1971-77). He was hired as a full Professor of Marine Sciences at UC Santa Cruz, effective July 1, 1977.

Ted had established a significant research career before coming to Santa Cruz. His primary research interests were in ocean mixing processes, and Antarctic bottom water formation and distribution to the world's oceans. He served as Chief Scientist of 25 of his 36 oceanographic research expeditions in the Pacific, Atlantic, and Indian Oceans, and in both the Arctic and Antarctic Polar Regions.

His campus and University service included: I) Marine Sciences-Chair, Admissions and

Advising Committee; member, Curriculum Committee; and representative to the Divisional Computer Committee; 2) Crown College-Judicial Committee (1981-82); 3) Academic Senate -member, Committee of Research (1990-91); and member, Committee on Budget and Planning, Subcommittee on Space (1989-90); 4) UC Systemwide-Campus Representative, UC-NASA Steering Committee in Nonlinear Sciences (1987-91) and Committee Chair, (1989-91); and Campus Program Administrator for the UCLA Supercomputer (1990-92); and 5) campus Dean, Division of Natural Sciences (Summer, Fall, and Winter Quarters, 1979-80); member, Committee to Study a School of Engineering (1989-91); member, Executive Committee of Institute of Nonlinear Science (1987-92); and member, Diving Control Board (1981-82 and 1984-85).

His professional activities included: member, Scientific Committee on Ocean Research (SCOR) including Working Group 38 and 54 (1974-82); member, National Academy of Sciences, Committee on Polar Research, Panel on Oceanography (1971-73); Chair, Weddell Gyre Workshop (1977); member, Conceptual Design of a Polar Research Vessel Advisory Committee (1975-79); and member, Ross Ice Shelf Project Advisory Group (1974-78).

His awards and honors included: recipient, Visiting Fellowship in Marine Sciences awarded by Australian Marine Sciences and Technologies Advisory Committee, University of New South Wales, Sydney, Australia (1988); and recipient, first foreign polar scientist invited to lecture in People's Republic of China, lectures given in Beijing, Guangzhou and Hangzhou (1982).

Ted retired from the faculty effective June 30, 1994. He remained at UC Santa Cruz as a Research Professor during 1994-95 and then moved his research program back to Scripps.

Source: Doyle, William T., *UC Santa Cruz: 1960-1991; campus origin, and early program and facility development in the sciences with special emphasis on Marine Sciences*. Chapter 9: 226-227.